

Counting Atoms

1. The symbol of an atom represents 1 atom of that element.

Ex. Ca =

Be =

2. A subscript in the lower right corner indicates the number of atoms

Ex O_2 =

H_2O_2 =

$C_6H_{12}O_6$ =

3. A subscript outside the brackets multiplies all the elements inside the brackets.

Ex. $Ba_3(PO_4)_2$

Ex. $Mg(NO_3)_2$

4. A coefficient is a number written in front of a chemical formula and indicates the number of molecules of that compound. A coefficient multiplies the number of atoms of each element in the formula



